

Avant RS2

PORSCHE

An unusual example of cooperation in the automotive field: Avant RS2.

Audi and Porsche – two companies which have made automotive history and whose experience and approach to sports-oriented car concepts coincide.

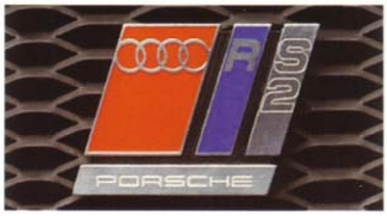
Porsche with its expertise as a developer and manufacturer of exclusive sports cars, as a specialist for the production of small series and more than 20,000 successes in racing, and – from the historical aspect – Ferdinand Porsche as the designer of the legendary Auto-Union Silver Arrow.
Audi as a large series manufacturer with long years of experience, success and expertise in rallies and motor racing.

This unique combination is embodied in the joint Avant RS2 high-performance car concept. An Avant concept which presents top technology, optimum performance and refined driving in a car body design which is completely new for sports cars.

It is the exclusive result of new exacting demands made on development and production engineers; realised in a period of time which was not considered possible up to now; and is of a standard which sets a new benchmark in car manufacture.

This collective expertise has enabled a unique car to come into being. Backed by the Audi philosophy of building intelligent, high-performance cars with compact, discreetly elegant dimensions and lines – in conjunction with the Porsche philosophy of designing cars which offer above-average driving enjoyment and high specific output combined with compact dimensions.
Built for people who have a feeling for quality and refinement, and discerning taste which is not primarily characterised by the wish to attract attention.

People interested in innovative, efficient technology because they themselves are among the more flexible and committed members of our society. With a distinct sense of responsibility in their



approach to automotive technology, the environment and other road users.
In the new Avant RS2, the high level of affinity between these requirements and the technically high standard of this unusual concept becomes clear.


AVANT RS2

A unique combination: all the freedom of an Avant and pure driving enjoyment. Avant RS2.



The exclusive, sporty styling of the Avant RS2 reveals that this is a unique kind of car.
The design features discreetly signalise its sporty character giving an indication of the high-tech engine concept and special kind of running gear technology - naturally with permanent four-wheel drive - to transmit the power safely to the road.
The striking front end with large intake vents shows the connoisseur that this is to supply fresh air to a particularly high-performance engine and a brake system matched to its dynamic performance.
Typical elements of Porsche styling have consciously been included. The overall impression is complemented by Porsche door mirrors, exclusive 7J x 17 inch Porsche alloy wheels and special wide tyres - size 245/40 ZR 17.

The red, blue and silver Avant RS2 emblem at front and rear discreetly accentuate the sporty identity of this model.



The aesthetic, sporty lines of the body and the compact, individual design convey the impression of tremendous power and the exclusive quality of this vehicle.



The tail section has a particularly striking appearance with full-width tail light trim and - a typical Porsche feature - the number plate mounted on the rear apron.

And last but not least, the shape of the Avant RS2 is an indication that the space in this high-performance car can be used in a variety of ways.

Exclusive, sporty equipment and variable space with the Avant RS2.

The interior of the Avant RS2 fully meets the promise of the exterior appearance. Here too the Avant RS2 shows that it embodies an automotive concept which cannot be compared with any other in this class.

The combination of sporty attributes and the possibilities for individual use assures it a decisive lead with regard to its concept.
The lavish exclusive fittings are design-oriented, and have three colour schemes: anthracite, as a neutral colour; an intensive shade of blue; and a discreet silver grey.
The high-quality sporty ambience includes, for example, Recaro® sports seats with electric height and backrest adjustment for driver and front passenger.
The standard seat upholstery is entirely of anthracite-coloured silk napa leather. The leather-covered Audi sports steering wheel and the headlining and its fittings are also in anthracite.
As an option and at no extra charge the centre panels of the seats are upholstered in Alcantara® in the colours blue or silver grey with matching inserts in the door panels, the spokes of the steering wheel and the edging of the velours foot mats. The sides of the seat and backrest are upholstered in contrasting black silk napa leather.

There are of course electric windows at front and rear; the one-piece gear lever knob and gaiter are of leather.
However, there are many other interesting features which you can read about in the following section on the cockpit.

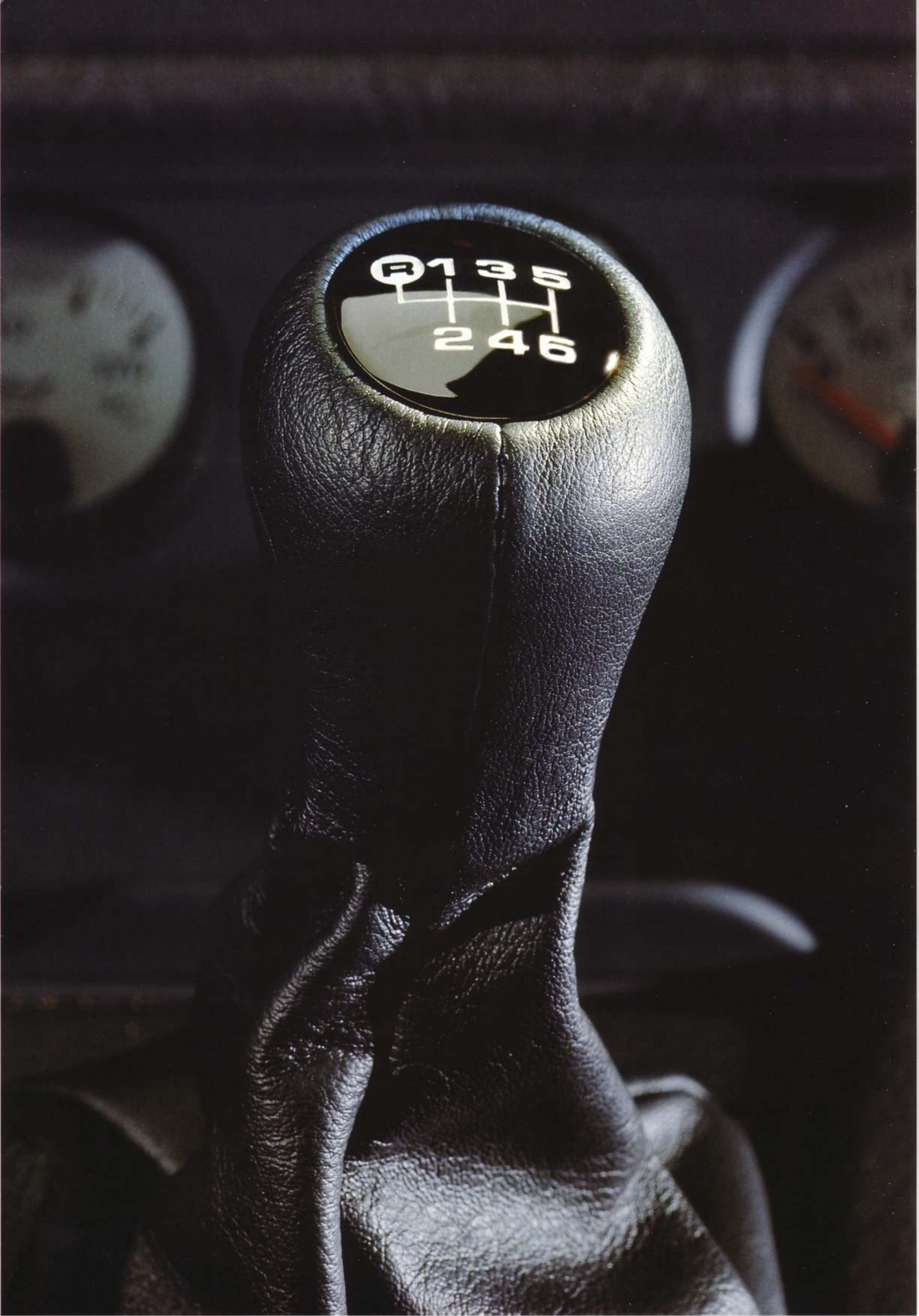
The individual space concept of the RS2 further underlines the special and unique character of this vehicle. The exclusive interior concept of the RS2 is marked by a special versatility which opens up undreamt-of freedom.

You can fold down the rear seat and folding centre armrest either one-third, two-thirds or completely. This gives you plenty of scope for leisure, sports and hobbies, and professional use.

The space and comfort offered is impressive, e.g. standard luggage compartment cover, high-grade luggage compartment lining, storage space integrated in the side, lashing eyes in the luggage compartment floor, low loading edge and large loading width, and a tailgate which is particularly easy to open.
In each case, however, you yourself can determine the individual strengths of your Avant RS2 from the comprehensive range of optional extras available.

A few examples of this are: automatic air conditioner, roof rails, cruise control, electric sliding roof, anti-theft warning system, air bag for front passenger – there are hardly any limits to your individual wishes.




R 1 3 5
2 4 6


OK
1/min x 100
km/h
Höhen Bass
Gain









A good grip of one of the most dy-namic sports concepts. Avant RS2.

Anyone who has the experience with sporty cars that Porsche and Audi have views the sports con-cept of a car as a whole - i.e. the performance is just as important as the styling and safety is as important as the driving experi-ence.



Again in the cockpit of the Avant RS2, an equipment concept has been realised that will satisfy even the most exacting demands.

The sports steering wheel with the RS2 emblem accentuates the ex-clusive character of this vehicle at a glance. It is supplied in conjunc-tion with the Audi procon-ten safety system.

Instead of this, you can opt for the leather-covered steering wheel with an air bag for the driver at no extra charge.
There is also of course sports-tuned power assisted steering.

The white dials of all analogue instruments have a sporty, dynamic design, also those of the standard displays for oil temper-ature, oil pressure and the voltage of the vehicle electrical system.
Information from the on-board computer and clock are shown in digital form and coloured light symbols convey the signals of the Auto Check system.

The comprehensive standard equipment also includes such im-portant information features as the outside temperature display.

The design of the cockpit con-veys a pleasant feeling of space to the driver.
Fine, high-grade materials have been used. In addition to leather or Alcantara®, there is also car-bon fibre, a high-tech material often used in motor racing.
The trim on the cockpit and door panels has been worked in this material to create an exclusive finish.

One of the safest combinations: power and quattro. Avant RS2.

It is above all the high potential performance of the 2.2 litre 5-cylinder turbo engine that characterises the overall impression of the Avant RS2. A high-tech engine which contributes trailblazing characteristics in respect of fascinating power and driving dynamics. For instance, it can accelerate from 0 to 100 kph in only 5.4 seconds. Top speed is 262 kph.

The most striking features of the modern high-performance engine include advanced 4-valve technology with a double overhead camshaft, a liquid-cooled exhaust turbo-charger with charge air cooling and a highly effective emission control system with two lambda-controlled three-way catalytic converters.

The engine develops its maximum output of 232 kW (315 bhp) at 6,500 rpm and its pulling power is particularly impressive. Maximum torque is 410 Nm at 3,000 rpm – torque of 400 Nm is available in the wide engine speed range of 2,800 rpm to 4,900 rpm. There are sports cars with significantly more cubic capacity and considerably higher engine speeds which do not attain these figures.

This high-tech engine has a compression of 9.3 and is designed to run on Super Plus fuel (98 RON). Thanks to its cylinder-selective knock control system, it can also be driven with Euro-Super (95 RON) with a slight drop in performance.
To enable its power to be transmitted safely to the road, the Avant RS2 naturally has the proven permanent four-wheel drive and self-locking centre differential as standard. This means: best possible propulsion with maximum retention of lateral forces on all four wheels and neutral self-steering characteristics.
For extra help when driving off in particularly difficult conditions, the rear axle differential lock can be engaged manually. The lock disengages automatically at 25 kph.

The 6-speed manual gearbox complements quattro drive in an ideal way. It is designed for sporty driving and has passed the acid test in many races.
quattro drive with a 6-speed gearbox is a pioneering combination in this class of vehicle.

Our designers have, however, also concentrated their efforts on ensuring safe braking for the high potential performance. In the Avant RS2 there are high-performance Porsche brakes – which have been tested in motor racing – and ABS as standard.



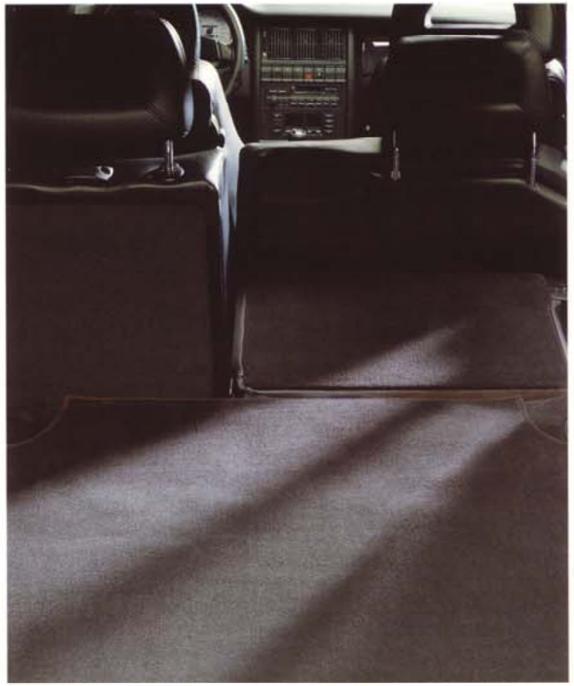
The braking performance has been perfectly matched to requirements. Various design factors ensure a high level of durability and short braking distances: fixed callipers with four brake pistons, extremely rigid housing, low level of brake fluid temperature, favourable brake weight/performance ratio, brake linings for good anti-fade qualities and resistance to wear, and ventilated brake discs on all four wheels.

Experience the Avant RS2 at first hand.

Your Audi Dealer will be pleased to offer you a test drive. It is rare that a car speaks for itself as convincingly as the Avant RS2.


powered by PORSCHE
20V turbo


AVANT RS2








PORSCHE

Technical Data/Equipment

(provisional data/summary)

Engine, electrical system, drive

Engine type		5-cylinder petrol engine
Cubic capacity	litre/cm³	2.2/2226
Max, output	kW (bhp) at rpm	232(315)/6500
Max torque	Nm at rpm	410 at 3000
Compression	:1	9.3
Mixture preparation		Electronically controlled fuel injection system, cylinder-selective knock control with two sensors, turbocharger and charge air cooling, electronic boost pressure control
Exhaust emission control		Catalytic converter with lambda control, active charcoal filter
Valve gear		DOHC (double overhead camshaft), four valves per cylinder
Gearbox		6-speed sports gearbox:I 3,500, II 1,889, III 1,320, IV 1,034, V 0,857, VI 0,711, R 3,455, final drive 4,111
Drive		quattro permanent four-wheel drive, automatically locking rear axle differential with automatic disengagement at 25 kph

Running gear/Steering

Front axle	Lowered sports suspension, McPherson suspension strut front axle with gas-filled shock absorbers and lower three-point wishbones, anti-roll bar
Rear axle	Double wishbone rear axle with gas-filled shock absorbers, anti-roll bar
Wheels	7J x 17 Porsche design alloy wheels
Tyres	245/40 ZR 17 (standard-size spare tyre)
Steering	Rack and pinion steering with power assistance, track-stabilising steering roll radius
Brake system	Porsche dual circuit brake system with anti-locking brake system (front/rear split), four brake pistons per disc, brake servo/ brake pressure regulator pressure-dependent, ventilated brake discs at front and rear

Weights/Dimensions

Length/width/height,	mm	4510/1695/1386
Wheelbase (at unladen weight)	mm	2597
Track (at unladen weight) front/rear	mm	1448/1474
Luggage space[1]	l	370 (1200)
Unladen weight[2]	kg	1595
Gross vehicle weight	kg	2100

Performance/Fuel consumption

Top speed	kph	262
Acceleration from 0-100/0-200 kph	sec	5.4/22.2
Fuel tank contents/type of fuel		64 litres/Super Plus unleaded 98 RON
Fuel consumption in accordance with DIN 70030 in litres per 100 km[3] at 90 kph/ at 120 kph/city cycle	l	7.7/9.2/14.3

1) Measured according to VDA method. Figures in brackets show volume when backrest is folded down and vehicle is loaded up to roof height.

2) Optional extras may increase the car's unladen weight and drag coefficient, in which case the payload limit and top speed must be reduced accordingly.

3) Depending on driving style, road and traffic conditions, environmental influences and vehicle condition, the fuel consumption values obtained in practice may differ from these values which were measured by the standard test method.

Exterior equipment

Door mirrors - Porsche design, electrically heated and adjustable, convex on right-hand side
Tail light trim
Long-life underseal including wheel arches
RS2 emblem on grille and tailgate with "Porsche" lettering
Fully galvanised body and cavity protection treatment
Bumpers, plastic-faced, colour-keyed, with moulded spoiler at front and additional cooling air intake vents, with integrated licence plate at rear
Heat-insulating windows, green-tinted

Interior equipment

Silk napa leather trim (anthracite). Optionally at no extra charge: centre seat panel, door panel inserts and steering wheel spokes of Alcantara in blue or silver grey
Carbon fibre trim on fascia and door panels
Velours footmats, black with edging matching interior colour
Footwell/luggage compartment lining and interior trim on tailgate in velours
Instrument dials, white with black trim rings
Centre armrest in rear seat backrest, folding
Rear seat and backrest can be folded down 1/3, 2/3 or completely
Gear lever knob and integral gaiter in leather, aluminium gear emblem
Sports steering wheel with RS2 emblem; optionally with spoke section matching interior colour
Recaro sports seats at front with electrical adjustment for height and backrest angle

Electrical/Functional equipment

Outside temperature display in instrument cluster
Auto Check system and on-board computer
Heating and ventilation system with 4-speed fan, defroster vents for windscreen and side windows, 7 separately adjustable vents in fascia
Push button for rear differential lock with symbol and indicator lamp in centre console
Electric windows at front and rear
Instrument cluster with speedometer, odometer, trip recorder, rev counter with digital clock, coolant temperature display, fuel gauge
Transillumination of switches, front ashtray, heating and ventilation controls, cigarette lighter
Reversing lights (2), with rear fog light and 2 licence plate lights, red tail light design
2-speed windscreen wipers with intermittent wipe, flick/wipe, automatic wash/wipe, air deflector blade
Headlights: ellipsoid headlights, halogen fog lights and white turn signals integrated in bumper, electrical headlight range adjustment
Headlight cleaning system
Hazard warning system with push button in centre console
Warning and indicator lamps for: oil pressure, high beam, hazard warning system, coolant temperature gauge, "handbrake on", alternator, turn signals with left/right display, heated rear window, brake fluid level, ABS
Additional instruments in centre console: oil pressure gauge, oil temperature gauge, voltmeter

Safety systems

Anti-locking brake system
Passenger compartment as safety cell
Side protection in all doors
Defined crumple zone in front and rear section
Belt tensioners at front
Fuel tank in protected area
procon-ten (alternatively with driver's air bag at no extra charge)
Seat belts: 3-point inertia reel belts with belt height adjustment for front seats; two 3-point inertia reel belts and 1 lap belt with retractor for rear seat
Safety steering column

Avant RS2
Paint finishes

Laser red H1

Polar silver metallic D1

Ragusa metallic Y7

RS blue pearl effect M8

Volcano black pearl effect W9

Brilliant black with clear varnish A2

Amethyst grey pearl effect B2

Indigo pearl effect C2

Brilliant blue with clear varnish E8

Emerald pearl effect M6

Ruby red pearl effect X6

Unfortunately the printing process cannot reproduce the colours with absolute accuracy.

Some of the vehicles shown in this brochure are equipped with optional extras available at extra charge.

All details concerning the specifications, appearance, performance, weights and dimensions, fuel consumption and running costs of the vehicles are correct at the time of going to print but may have changed by the time you purchase your vehicle.

Audi AG, 85045 Ingolstadt

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